

Application No.: 10/556,457
Amendment dated: March 17, 2009
Reply to Office Action of December 24, 2008
Attorney Docket No.: 21295.0119US1

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims

Claim 1 (currently amended): ~~Fine~~ A fine tuning device for transferring and/or tipping
tilting an object, whereby comprising:

a guide defining a rotational axis and

a carrier element is provided that can be rotated bearing the object, the carrier
being rotatable around [[a]] the rotational axis guided by [[a]] the guide element, whereby
wherein

tipping the angle between the carrier element and the guide element is achieved
by defining rotational axis may be changed by the rotation guiding the carrier along a
guide plane that describes on the guide at an angle other than 90° around to the rotational
axis and/or or

transfer of the object is achieved by means of an offset that is attached to the
carrier element lateral offset from the center of the carrier and is movable with respect to
the rotational axis by rotation of the carrier around the rotational axis.

Claim 2 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein
the guide element is guided by a further guide element around the rotational axis or a
further rotational axis.

Claim 3 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein
the fine tuning device can be integrated as an element into further comprising a further
second fine tuning device.

Claim 4 (currently amended): ~~Fine~~ The fine tuning device according to claim 3, wherein
the further second fine tuning device comprises is a fine tuning device wherein
comprising:

a guide defining a rotational axis and

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~~a carrier element is provided that can be rotated bearing the object, the carrier being rotatable around [[a]] the rotational axis guided by [[a]] the guide element, whereby wherein~~

~~tipping the angle between the carrier element and the guide element is achieved by defining rotational axis may be changed by the rotation guiding the carrier along a guide plane that describes on the guide at an angle other than 90° around to the rotational axis and/or or~~

~~transfer of the object is achieved by means of an offset that is attached to the carrier element lateral offset from the center of the carrier and is movable with respect to the rotational axis by rotation of the carrier around the rotational axis.~~

Claim 5 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein the carrier element ~~and/or or~~ the guide element ~~and/or the or a~~ further guide element are round in cross-section.

Claim 6 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein the guide element ~~exhibits comprises~~ a recess within which the guide element ~~carrier~~ can be rotated.

Claim 7 (currently amended): ~~Fine~~ The tuning device according to claim 6, wherein the recess is eccentric.

Claim 8 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, ~~wherein~~ the further ~~comprising a further~~ guide element ~~exhibits comprising~~ a recess within which the guide element can be rotated.

Claim 9 (currently amended): ~~Fine~~ The fine tuning device according to claim 8, wherein the recess is eccentric.

Claim 10 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein a control lever may be inserted into the carrier element ~~and/or or~~ the guide element ~~and/or the or a~~ further guide element.

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Claim 11 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein the guide element ~~and/or the~~ or a further guide element can be ~~transferred~~ moved in the direction of the rotational axis ~~and/or the~~ or a further rotational axis.

Claim 12 (currently amended): ~~Fine~~ The fine tuning device according to claim 11, wherein the guide element ~~and/or or~~ the further guide element ~~exhibit~~ comprises a screw thread.

Claim 13 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein elements that touch each other directly are made of different materials.

Claim 14 (currently amended): ~~Fine~~ The fine tuning device according to claim 1, wherein the object is an optical component, ~~in particular~~ or an objective.

Claim 15 (currently amended): ~~Microscope with~~ A microscope comprising a fine tuning device for transferring and/or ~~tipping~~ tilting an object, ~~wherein comprising:~~

a guide defining a rotational axis and

a carrier element is provided that can be rotated bearing the object, the carrier being rotatable around [[a]] the rotational axis guided by [[a]] the guide element, whereby wherein

tipping the angle between the carrier element and the guide element is achieved by defining rotational axis may be changed by the rotation guiding the carrier along a guide plane that describes on the guide at an angle other than 90° around to the rotational axis and/or or

transfer of the object is achieved by means of an offset that is attached to the carrier element lateral offset from the center of the carrier and is movable with respect to the rotational axis by rotation of the carrier around the rotational axis.

Claim 16 (currently amended): ~~Microscope~~ The microscope according to claim 15, wherein the microscope is a scanning microscope, a confocal scanning microscope, a 4 pi microscope, or a theta microscope.